

## EXPRESS MAIL CERTIFICATE

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 I hereby certify that, on the date indicated above I deposited  
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 the Assistant Commissioner for Patents, Washington, DC  
 20231 by "Express Mail Post Office to Addressee" service.

Name (Print)

Signature

PATENT

Attorney Docket No. 4097 P02  
 M&W No. APM/063-99-CP1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	)	
DANIEL HOFFMAN, ET AL.	)	Group Art Unit: Unknown
Entitled: PLASMA REACTOR WITH OVERHEAD	)	
RF ELECTRODE TUNED TO THE PLASMA	)	Examiner: Unknown
Serial No.: To be Assigned	)	
Filing Date: Herewith	)	

11002 U.S. PTO

10/028922



12/19/01

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97(b)

Assistant Commissioner for Patents  
 Washington, D.C. 20231

Sir:

Attached hereto is Form PTO-1449 listing documents believed relevant to the subject application. It is respectfully requested that these documents be made of record and an initialed copy of each form be returned to the undersigned.

No representation is made that more pertinent material is not available or should not be considered by the Examiner. It is expected that the Patent and Trademark Office will independently conduct a complete search of appropriate art. Furthermore, no admission is being made that these documents are prior art, and applicant reserves the right to challenge any such consideration.

It is believed that this disclosure complies with the requirements of 37 CFR 1.56, 1.97, and 1.98, and the Manual of Patent Examining Procedures, section 609 and 707.05. If for some reason the Examiner considers otherwise, it is respectfully requested that the undersigned be called so that any deficiencies can be remedied.

A copy of each document is enclosed unless indicated otherwise. Some of the documents may have markings on them. No significance is meant to be attached to the markings. These documents are not necessarily analogous art.

Respectfully submitted,

*Robert M Wallace*

Dated 12/13/01

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**INFORMATION  
DISCLOSURE  
CITATION FORM FOR  
PATENT APPLICATION  
(FORM PTO - 1449)**

Docket No.: 4097 P02

Serial No.: To be assigned

Applicant(s): HOFFMAN, ET AL.

Filing Date: Herewith

Group: Unknown

11002 U.S. PTO  
10/028922  
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**U. S. PATENTS**

Initials	Patent No	Issue Date	Name	Class	Subclass	Filing Date
	4,464,223	08-07-84	GORIN	156	643	10-03-83
	4,579,618	04-01-86	CELESTINO ET AL.	156	345	10-29-84
	4,859,908	08-22-89	YOSHIDA ET AL.	315	111.81	09-23-87
	4,973,883	11-27-90	HIROSE ET AL.	315	111.41	04-29-88
	4,990,229	02-05-91	CAMPBELL ET AL.	204	298.06	06-13-89
	5,017,835	05-21-91	OECHSNER	315	111.81	03-16-88
	5,077,499	12-31-91	OKU	315	111.21	11-21-90
	5,122,251	06-16-92	CAMPBELL ET AL.	204	298.06	02-04-91
	5,195,045	03-16-93	KEANE ET AL.	364	482	02-27-91
	5,272,417	12-21-93	OHMI	315	111.21	11-13-90
	5,274,306	12-28-93	KAUFMAN ET AL.	315	111.41	07-29-92
	5,279,669	01-18-94	LEE	118	723	12-13-91
	5,280,219	01-18-94	GHANBARI	315	111.41	04-16-93
	5,453,305	09-26-95	LEE	427	562	09-02-93
	5,512,130	04-30-96	BARNA ET AL.	156	651.1	03-09-94

**FOREIGN PATENT DOCUMENTS**

Initials	Document Number	Date	Country	Name	Translation? (Yes/No/n/a)
	0 678 903 A1	25.10.95	EUROPE	MASAYUKI TOMOYASU ET AL.	N/A

Initials	Other Documents (Title, Author, Date, Pages, Etc., if known)

Examiner's Signature:

Date Considered:

Initial if reference was considered, whether or not citation with MPEP. Mark through citation if not considered. Include a copy of this citation form with your next correspondence to the Applicant(s).

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Initials	Patent No	Issue Date	Name	Class	Subclass	Filing Date
	5,534,070	07-09-96	OKAMURA ET AL.	118	723	03-31-94
	5,537,004	07-16-96	IMAHASHI ET AL.	315	111.21	04-29-94
	5,627,435	05-06-97	JANSEN ET AL.	315	111.21	02-15-96
	5,705,019	01-06-98	YAMADA ET AL.	156	345	04-23-96
	5,592,055	01-07-97	CAPACCI ET AL.	315	111.21	10-17-95
	5,707,486	01-13-98	COLLINS	156	643.1	01-16-96
	5,710,486	01-20-98	YE ET AL.	315	111.21	05-08-95
	5,720,826	02-24-98	HAYASHI ET AL.	136	249	05-29-96
	5,733,511	03-31-98	DE FRANCESCO	422	186.05	11-21-95
	5,846,885	12-08-98	KAMATA ET AL.	438	729	08-23-96
	5,849,372	12-15-98	ANNARATONE ET AL.	427	569	03-18-96
	5,855,685	01-05-99	TOBE ET AL.	118	723	10-03-96
	5,858,819	01-12-99	MIYASAKA	438	149	06-15-95
	5,863,376	01-26-99	WICKER ET AL.	156	345	06-05-96
	5,914,568	06-22-99	NONAKA	315	111.21	03-13-98

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## U. S. PATENTS

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